
Test Procedure for

**SPLITTING TENSILE STRENGTH OF CYLINDRICAL
CONCRETE SPECIMENS**



TxDOT Designation: Tex-421-A

Effective Date: July 2008

1. SCOPE

- 1.1 This test method measures the splitting tensile strength of concrete by the application of a diametral compressive force on a cylindrical concrete specimen placed with its axis horizontal between the platens of a testing machine.
 - 1.2 The values given in parentheses (if provided) are not standard and may not be exact mathematical conversions. Use each system of units separately. Combining values from the two systems may result in nonconformance with the standard.
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2. PROCEDURE

- 2.1 Refer to ASTM C 496 for the test procedure.
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3. ARCHIVED VERSIONS

- 3.1 Archived versions are available.